

IN THE CLAIMS:

The following is a complete listing of the claims in this application, reflects all changes currently being made to the claims, and replaces all earlier versions and all earlier listings of the claims:

Claim 1. - 21. (Canceled)

Claim 22. (New) A facsimile apparatus for reading images of original sheets in which both-side and one-side original sheets exist mixedly and transmitting them to a receiver station, comprising:

reading means for reading the images on both sides of the original sheet;

means for discriminating whether the images on both sides read by said reading means have effective image information or not; and

control means adapted for selectively determining use of a both-side transmitting procedure if both sides of the original sheet have effective image information or use of a one-side transmitting procedure if both sides of the original sheet do not have effective image information, for each transmission of one original sheet, in accordance with a result of the discrimination of said discriminating means; and for transmitting to the receiver station both-side transmission control information including a page number and information regarding front or reverse side of the original sheet, for each side of the original sheet, when said both-side transmitting procedure is used, and omitting the transmission of said both-side transmission control information when said one-side transmitting procedure is used.

Claim 23. (New) An apparatus according to claim 22, wherein a count-up operation of said page number is executed only with respect to the both-side original sheet of which images on both sides have the effective image information.

Claim 24. (New) An apparatus according to Claim 23, wherein the count-up operation of said page number is started after it is reset each time the both-side transmitting procedure is newly started.

Claim 25. (New) A facsimile apparatus for reading images of original sheets in which both-side and one-side original sheets exist mixedly and transmitting them to a receiver station, comprising:

reading means for reading the images on both sides of the original sheet;

means for discriminating whether the images on both sides read by said reading means have effective image information or not; and

control means adapted for selectively determining use of a both-side transmitting procedure if both sides of the original sheet have effective image information or use of a one-side transmitting procedure if both sides of the original sheet do not have effective image information, for each transmission of one original sheet, in accordance with a result of the discrimination of said discriminating means, and for transmitting to the receiver station a value to be allocated to the front side when it is assumed that the one-side original sheet is the both-side original sheet, as a page number of the one-side original sheet, in case said one-side transmitting procedure is used.

Claim 26. (New) A control method of a facsimile apparatus for reading images of original sheets in which both-side and one-side original sheets exist mixedly and transmitting them to a receiver station, comprising:

a reading step of reading the images on both sides of the original sheet;

a step of discriminating whether the images on both sides read by said reading step have effective image information or not; and

a control step adapted for selectively determining use of a both-side transmitting procedure if both sides of the original sheet have effective image information or use of a one-side transmitting procedure if both sides of the original sheet do not have effective image information, for each transmission of one original sheet, in accordance with a result of the discrimination in said discriminating step, and for transmitting to the receiver station both-side transmission control information including a page number and information regarding front or reverse side of the original sheet, for each side of the original sheet, when said both-side transmitting procedure is used, and omitting the transmission of said both-side transmission control information when said one-side transmitting procedure is used.

Claim 27. (New) A method according to claim 26, wherein a count-up operation of said page number is executed only with respect to the both-side original sheet of which images on both sides have the effective image information.

Claim 28. (New) A method according to claim 27, wherein the count-up operation of said page number is started after it is reset each time the both-side transmitting mode is newly started.

Claim 29. (New) A control method of a facsimile apparatus for reading images of original sheets in which both-side and one-side original sheets exist mixedly and transmitting them to a receiver station, comprising:

- a reading step of reading the images on both sides of the original sheet;
- a step of discriminating whether the images on both sides read by said reading step have effective image information or not; and

- a control step adapted for selectively determining use of a both-side transmitting procedure if both sides of the original sheet have effective image information or use of a one-side transmitting procedure if both sides of the original sheet do not have effective image information, for each transmission of one original sheet, in accordance with a result of the discrimination in said discriminating step, and for transmitting to the receiver station a value to be allocated to the front side when it is assumed that the one-side original sheet is the both-side original sheet, as a page number of the one-side original sheet, in case said one-side transmitting procedure is used.

Claim 30. (New) A storage medium readable by a computer, storing a control program of a facsimile apparatus for reading images of original sheets in which both-side and one-side original sheets exist mixedly and transmitting them to a receiver station, said control program comprising:

- a reading step of reading the images on both sides of the original sheet;

a step of discriminating whether the images on both sides read by said reading step have effective image information or not; and

a control step adapted for selectively determining use of a both-side transmitting procedure if both sides of the original sheet have effective image information or use of a one-side transmitting procedure if both sides of the original sheet do not have effective image information, for each transmission of one original sheet, in accordance with a result of the discrimination in said discriminating step, and for transmitting to the receiver station both-side transmission control information including a page number and information regarding front or reverse side of the original sheet, for each side of the original sheet, when said both-side transmitting procedure is used, and omitting the transmission of said both-side transmission control information when said one-side transmitting procedure is used.

Claim 31. (New) A storage medium readable by a computer, storing a control program of a facsimile apparatus, according to claim 30, wherein in said control step, a count-up operation of said page number is executed only with respect to the both-side original sheet of which images on both sides have the effective image information.

Claim 32. (New) A storage medium readable by a computer, storing a control program of a facsimile apparatus, according to claim 31, wherein in said control step, the count-up operation of said page number is started after it is reset each time the both-side transmitting mode is newly started.

Claim 33. (New) A storage medium readable by a computer, storing a control program of a facsimile apparatus for reading images of original sheets in which both-side and one-side original sheets exist mixedly and transmitting them to a receiver station, said control program comprising:

a reading step of reading the images on both sides of the original sheet;

a step of discriminating whether the images on both sides read by said reading step have effective image information or not; and

a control step adapted for selectively determining use of a both-side transmitting procedure if both sides of the original sheet have effective image information or use of a one-side transmitting procedure if both sides of the original sheet do not have effective image information, for each transmission of one original sheet, in accordance with a result of the discrimination in said discriminating step, and for transmitting to the receiver station a value to be allocated to the front side when it is assumed that the one-side original sheet is the both-side original sheet, as a page number of the one-side original sheet, in case said one-side transmitting procedure is used.